Empowered by Innovation

NEC DISPLAY SOLUTIONS

PRODUCT OVERVIEW 2013

DESKTOP DISPLAYS | LARGE FORMAT DISPLAYS | PROJECTORS | SOFTWARE

ECO INNOVATION

REFERENCE

NEW IN THIS EDITION

Desktop Displays

Large Format Displays

Projectors

NEC DISPLAY SOLUTIONS

PERFORMANCE YOU CAN TRUST

NEC stands for product quality and design perfection with a reputation for reliability and an enviable pan-European support infrastructure to back it up. Installing an NEC display means you can trust in our equipment and our company culture.

Designed for long term operation, NEC displays and projectors incorporate innovative designs, high quality panels and components and go through demanding quality assurance levels; displays ready for the most demanding mission critical applications, out of the box.

THE WIDEST PORTFOLIO OF DISPLAY SOLUTIONS OF ANY SUPPLIER

Today NEC boasts a comprehensive range of Desktop Displays, Large Format Displays and Projectors, with a model for almost any application from the largest venues or public places to offices and smaller classrooms.

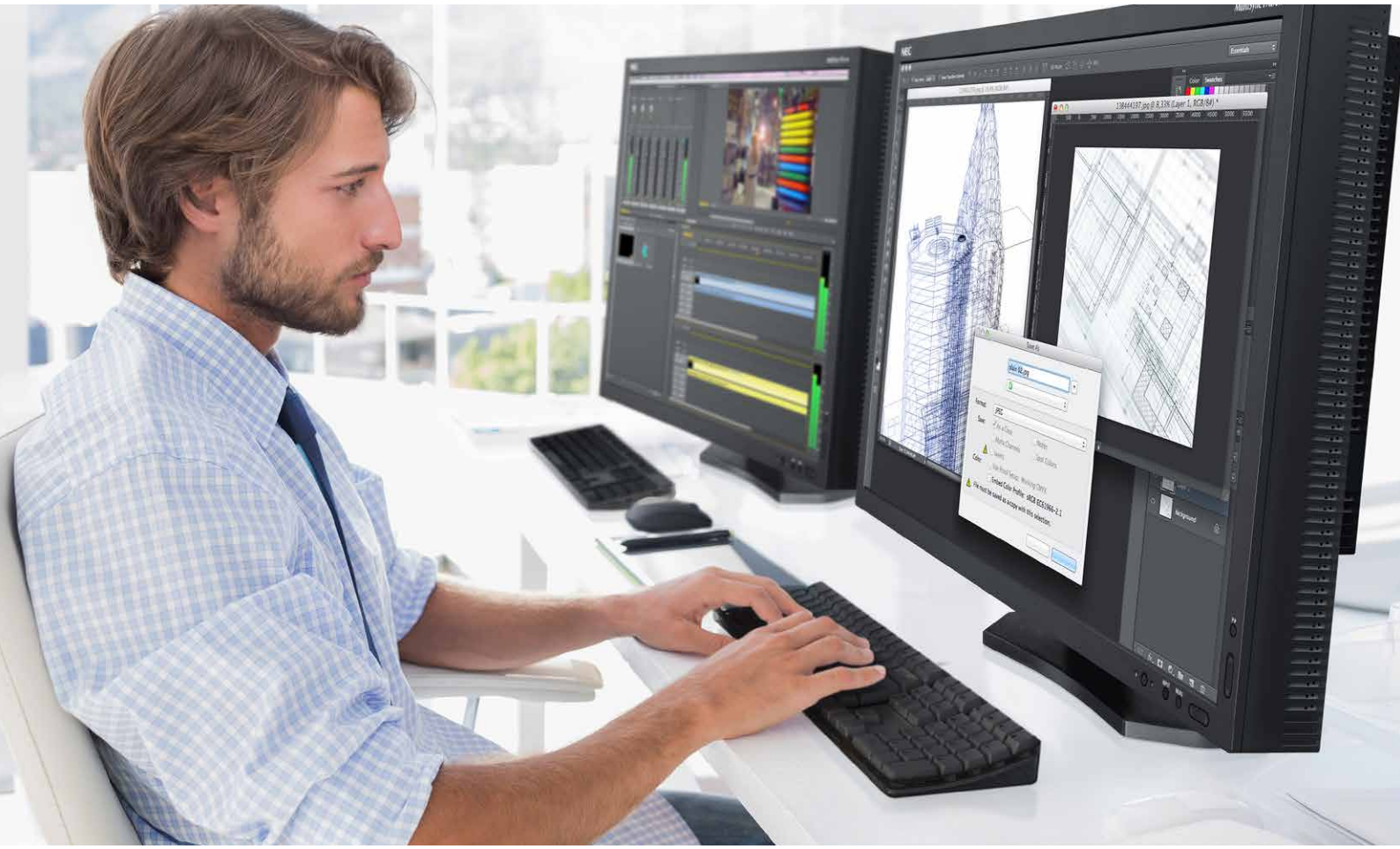
NEC is one of the world's largest IT Companies, with the display division operating 13 local sales and support offices across Europe, Middle East and Africa.

NEC EMEA LOCATIONS

CONTENTS	PAGE
Desktop Displays	4
Medical Displays	8
Colour Critical Reference Displays	9
Large Format Displays	10
LED Modules	14
Mounting Solutions	15
Speaker and Stand	16
Slot-In Options	17

CONTENTS	PAGE
Projectors	18
Projector Options	24
Software	26
NEC ReTrade Program	28
NEC Green Vision	29
NEC Serviceplus	30
Glossary	31

DESKTOP DISPLAYS



With the widest range of Display Solutions on the market, NEC have a Desktop Display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to Ecological or Commercial applications and all are backed by our three year manufacturer warranty.

NEW RELEASES

E224Wi	21.5" Entry Level 1920 x 1080 Display
EA SERIES	19" and 27" Commercial LED Backlight Display
PA SERIES	24" , 27" and 30" Professional LED Backlight Display
SPECTRA®VIEW	24" and 27" Professional Colour Display LED Backlight
SPECTRA®VIEW REFERENCE	24", 27" and 30 Professional Colour Critical LED Backlight Display

POSITIONING	SERIES	IDEAL APPLICATIONS
COMMERCIAL ENTRY LEVEL	**AS 5**	Ideal for entry-level, corporate and demanding consumer.
COMMERCIAL ENTERPRISE	**E EA EX**	E Series - Perfectly suited for standard office applications at Corporate and Government Offices. EA Series - Performance-oriented product series ideal for corporate and SMB users. EX Series - Ideal for corporates that demand style and future proof technology and excellent picture quality.
PROFESSIONAL	**90 P PA**	90 Series - Ideal for the professional user who´s looking for superb performance and image quality with a wide range of innovative features and upgraded connectivity. P Series - The ideal display for professional design, CAD-CAM, finance, demanding office and industrial applications. PA Series - The Reference Professional desktop monitor for Creative Professionals, Semi-Medical, Precision Engineering and Demanding Corporate Office applications
COLOUR	**SV**	The perfect choice for creative professionals.
MEDICAL	**MD**	DICOM prioritisation. Primary Diagnostics and meeting MDD-CE regulations, with complete QA Conformance.

3 YEARS WARRANTY

ECO INNOVATION

For more detailed information please visit: **www.nec-display-solutions.com**

AS COMMERCIAL ENTRY LEVEL

	AS222WM	AS241W	LCD175M
Order Code	60003496	60003295	60002795 / 60002794
Colour Versions	B	B	B / W
Panel Technology	TN / CCFL	TN / CCFL	TN / CCFL
Screen Size [inch / cm]	21.5 / 54.62	23.55 / 59.81	17.0 / 43.27
Aspect Ratio	16:9	16:9	5:4
Brightness (typ.) [cd/m²]	250	300	250
Contrast (typ.)	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	160 / 160	170 / 160	160 / 160
Response Time (typ. G to G) [ms]	5	5	5
Colours [Mio.]	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1280 x 1024
Connectors	DVI-D, VGA	DVI-D, VGA	DVI-D, VGA
Power Use Max / ECO [W]	27 / 18	23 / 9	19 / 14
Power Saving Mode [W]	0.35	0.45	0.40
Internal Power Supply	•	•	•
Height Adjustable Stand [mm]	-	-	50
Other Ergonomics	Tilt	Tilt	Tilt
Bezel Width T - B / L - R [mm]	16.8 / 14.7	19.0 / 19.0	17.5 / 14.2
Dimensions with stand (W x H x D)	507.4 x 364.7 x 205.1	566.0 x 395.1 x 190.0	360.0 x 358.5 x 230.0
Weight with stand [kg]	4.1	4.3	5.2
EPEAT™	Silver	Silver	Gold
TCO	TCO 6.0	TCO 5.0	TCO 5.0
NaViSet	•	•	•

AS SERIES

HIGH RESOLUTION
WIDE FORMAT
VALUE RANGE

22" W | 24" W

E SERIES

ECOLOGICAL
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT
ERGONOMICS

20" W | 22" W | 23" W

EA SERIES

ECOLOGICAL
SUPERIOR IMAGE
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT
ERGONOMICS

19" | 22" W | 23" W | 24" W
27" W | 29" W

	E201W	E224Wi	E223W	E231W
Order Code	60002820 / 60002818	60002785 / 60002784	60003334 / 60003335	60002932 / 60002933
Colour Versions	B / W	B / W	B / W	B / W
Panel Technology	TN / W-LED	IPS with W-LED	TN / W-LED	TN / W-LED
Screen Size [inch / cm]	20.0 / 50.8	21.5 / 54.6	22.0 / 55.9	23.0 / 58.42
Aspect Ratio	16:9	16:9	16:10	16:9
Brightness (typ.) [cd/m²]	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	178 / 178	170 / 160	170 / 160
Response Time (typ. G to G) [ms]	5	6	5	5
Colours [Mio.]	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1600 x 900	1920 x 1080	1680 x 1050	1920 x 1080
Connectors	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA
Power Use Max / ECO [W]	25 / 12	25 / 16	24 / 17	28 / 16
Power Saving Mode [W]	0.42	0.4	0.4	0.34
Internal Power Supply	•	•	•	•
Height Adjustable Stand [mm]	110	110	110	110
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.0 / 18.5	15.8 / 14.7	15.8 / 13.9	19.2 / 21.2
Dimensions with stand (W x H x D)	447.0 x 359.3 x 213.9	507.8 x 364.5 x 213.9	503.5 x 383.3 x 213.9	550.1 x 381.8 x 213.9
Weight with stand [kg]	5.4	5.9	4.9	6.2
EPEAT™	Gold / Silver	Silver	Silver	Gold
TCO	TCO 5.0	TCO 6.0	TCO 6.0	TCO 5.0
NaViSet	•	•	•	•

iF product design award 2011

3 YEARS WARRANTY

ECO INNOVATION

EX SERIES

FUTURISTIC MINIMALIST
ECO LED BACKLIGHT
HUMAN SENSOR
OFFICE AND PROFESSIONAL
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT
ERGONOMICS

20" | 23" W

	EA192M	EA193Mi	EA223WM	EA224WMi
Order Code	60003064 / 60003065	60003586 / 60003585	60003294 / 60003293	60003336 / 60003337
Colour Versions	B / W	B / W	B / W	B / W
Panel Technology	TN / W-LED	IPS TFT / W-LED	TN / W-LED	IPS / LED
Screen Size [inch / cm]	19.0 / 48.2	19.0 / 48.2	22.0 / 55.9	21.5 / 54.62
Aspect Ratio	5:4	5:4	16:10	16:9
Brightness (typ.) [cd/m²]	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	178 / 178	170 / 160	178 / 178
Response Time (typ. G to G) [ms]	5	6	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1280 x 1024	1680 x 1050	1920 x 1080
Connectors	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, USB, VGA	DisplayPort, DVI-D, USB, HDMI, VGA
Power Use Max / ECO [W]	26 / 16	18 / 10	25 / 12	26 / 15
Power Saving Mode [W]	0.42	0.35	0.35	0.43
Internal Power Supply	•	•	•	•
Height Adjustable Stand [mm]	100	110	130	130
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	14.9 / 14.9	16.5 / 14.9	15.8 / 13.9	15.8 / 14.7
Dimensions with stand (W x H x D)	408.0 x 386.4 x 213.9	408.0 x 386.4 x 213.9	503.5 x 384.0 x 218.0	507.4 x 370.2 x 218
Weight with stand [kg]	5.5	6.0	5.6	6.0
EPEAT™	Silver	Silver	Silver	Gold
TCO	•	•	•	•
NaViSet	•	•	•	•

EA294WMi, the power of two displays in one.

This super wide 2560 x 1080 pixel display consumes 29% less power than dual 19 inch monitors with similar LCD panel technology. At the forefront of environmental design and social responsibility the EA294WMi also offers best in class image quality from wider viewing angles with its supersized IPS panel.

	EA232WMi	EA244WMi	EA273WM	EA273WMi*	EA274WMi*	EA294WMi	EX201W	EX231W
Order Code	60003106 / 60003105	60003414 / 60003409	60003154 / 60003153	60003608 / 60003607	60003493 / 60003492	60003417 / 60003415	60003152 / 60003151	60002936 / 60002937
Colour Versions	B / W	B / W	B / W	B / W	B / W	B / W	B / W	B / W
Panel Technology	IPS / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	TN / W-LED	TN / W-LED
Screen Size [inch / cm]	23.0 / 58.42	24.1 / 61.13	27 / 68.6	27.0 / 68.6	27 / 68.5	29.0 / 73.02	20.0 / 50.8	23.0 / 58.42
Aspect Ratio	16:9	16:10	16:9	16:9	16:9	21:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	350	300	250	350	300	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178/178	178 / 178	170 / 160	170 / 160
Response Time (typ. G to G) [ms]	14	6	14	6	6	6	3.7	5
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1200	1920 x 1200	1920 x 1080	2560 x 1440	2560 x 1080	1600 x 900	1920 x 1080
Connectors	DisplayPort, DVI-D, USB, VGA	DVI-D, HDMI, USB, DisplayPort, VGA	DVI-D, HDMI, USB, DisplayPort, VGA	DVI-D, HDMI, USB, DisplayPort, VGA	DVI-D, HDMI, USB, DisplayPort, VGA	2 x DVI-D, HDMI/MHL, USB, DisplayPort, 2 x VGA	DisplayPort, USB, DVI-I	DisplayPort, USB, DVI-I
Power Use Max / ECO [W]	37 / 21	29 /16	29 /17	31 / 16	57 / 35	50 / 28	21 / 11	31 / 16
Power Saving Mode [W]	0.44	0.47	< 0.5	0.48	0.8	0.8	0.37	0.37
Internal Power Supply	•	•	•	•	•	•	-	-
Height Adjustable Stand [mm]	110	130	130	130	130	130	110	110
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	19.0 / 19.0	16.8 / 17.9	16.5 / 15.5	19.6 / 19.6	19.6 / 19.6	18 / 15.5	13.6 / 15.0	14.6 / 14.2
Dimensions with stand (W x H x D)	550.1 x 379.1 x 220	556.2 x 408.9 x 230	631.4 x 415 x 230	639.3 x 417.9 x 230	639.2 x 417.9 x 230	705.8 x 410.4 x 230	474.8 x 381.3 x 215	540.2 x 401.3 x 215
Weight with stand [kg]	7.5	7.6	7.6	8.7	8.7	9.6	3.5	4.2
EPEAT™	Gold / Silver	Gold / Silver	Gold / Silver	Gold	Gold	Gold / Silver	Gold	Gold
TCO	•	•	•	•	•	•	•	•
NaViSet	•	•	•	•	•	•	•	•

* Specifications subject to change prior to launch

	2090UXi	2190UXp	P232W	P242W
Order Code	60001659 / 60001658	60001850 / 60001849	60003324 / 60003323	60003419 / 60003418
Colour Versions	B / W	B / W	B / W	B / W
Panel Technology	S-IPS / CCFL	SPVA / CCFL	IPS / LED	IPS / LED
Screen Size [inch / cm]	20.1 / 51.0	21.3 / 54.0	23.0 / 58.4	24.1 / 61.1
Aspect Ratio	4:3	4:3	16:9	16:10
Colour Gamut AdobeRGB / NTSC [%]	-	-	76% / 72%	75% / 72%
Brightness (typ.) [cd/m²]	280	300	250	350
Contrast (typ.)	700:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1600 x 1200	1600 x 1200	1920 x 1080	1920 x 1200
Connectors	DVI-D, DVI-I, VGA	DVI-D, DVI-I, VGA	DisplayPort, DVI-D, USB, VGA, HDMI	DisplayPort, DVI-D , USB, VGA, HDMI
Power Use Max / ECO [W]	50 / 36	60 / 43	29 / 18	30 / 22
Power Saving Mode [W]	1	1	1	1
Internal Power Supply	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.0 / 14.6	16.6 / 16.2	17.0 / 16.2	18.2
Dimensions with stand (W x H x D)	439.2 x 415.5 x 247.3	464.8 x 424.8 x 247.3	543.6 x 337.4 x 227.6	556.8 x 378.0 x 227.6
Weight with stand [kg]	9.7	10.7	9.2	10.2
TCO	●	●	●	●
NaViSet Administrator 2	●	●	●	●

90 SERIES

CRITICAL PERFORMANCE
SUPERIOR PANELS
ADVANCED ERGONOMICS

20" | 21"

P SERIES

SUPERIOR PANELS
HIGH RESOLUTION
ADVANCED CONNECTIVITY
DISPLAYPORT
ERGONOMICS

23" W | 24" W

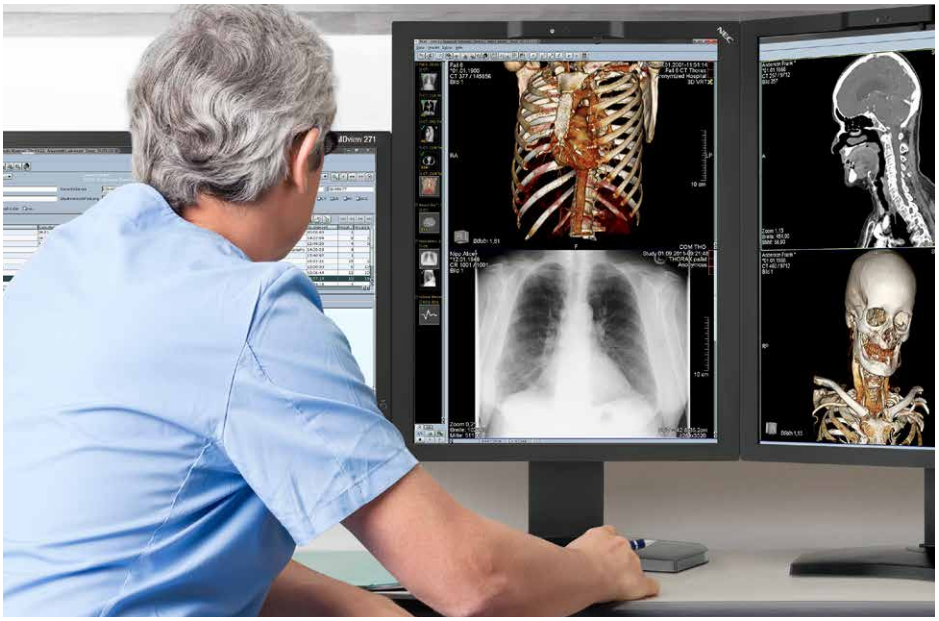
PA SERIES

ULTIMATE PERFORMANCE
SUPERIOR IMAGE INC P-IPS
HIGH RESOLUTION
3D LOOK UP TABLES
DISPLAYPORT
ERGONOMICS

24" W | 27" W | 30" W

	PA241W	PA242W	PA271W	PA272W	PA301W	PA302W
Order Code	60002697 / 60002696	60003490 / 60003491	60002925	60003489	60002926	60003488
Colour Versions	B / W	B / W	B	B	B	B
Panel Technology	10 Bit P-IPS / CCFL	AH-IPS / GB-R LED Backlight	10 Bit P-IPS / CCFL	AH-IPS / GB-R LED Backlight	10 Bit P-IPS / CCFL	AH-IPS / GB-R LED Backlight
Screen Size [inch / cm]	24.1 / 61.1	24.1 / 61.1	27.0 / 68.5	27.0 / 68.5	29.8 / 75.6	29.8 / 75.6
Aspect Ratio	16:10	16:10	16:9	16:9	16:10	16:10
Colour Gamut AdobeRGB / NTSC [%]	107% / 102%	108.6% / 99.3%	107% / 102%	109% / 99%	107% / 102%	109% / 99%
Brightness (typ.) [cd/m²]	360	340	350	340	350	340
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	7	7	6	7
Colours [Mio.]	1073	1073	1073	1073	1073	1073
Resolution at 60 Hz	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1440	2560 x 1600	2560 x 1600
Connectors	DisplayPort, 2 x DVI-D, VGA, USB	DisplayPort, DVI-D , USB, VGA, HDMI	DisplayPort, 2 x DVI-D, USB	DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI	2 x DisplayPort, 2 x DVI-D, USB	DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI
Power Use Max / ECO [W]	95 / 45	56 / 37	117 / 58	73 / 37	155 / 90	87 / 47
Power Saving Mode [W]	1	2	1.4	1.4	1.7	1.4
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	18.2	18.2	20.0 / 20.3	20.0 / 20.3	22.0 / 22.3	22.0 / 22.4
Dimensions with stand (W x H x D)	556.8 x 378.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	640.4 x 396.2 x 235.5	688.0 x 466.4 x 301.6	688.0 x 466.4 x 301.6
Weight with stand [kg]	10.6	10.6	13.6	12.9	18.8	17
TCO	-	-	●	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●
MultiProfiler Software	●	●	●	-	●	-

NEC offers a wide-range of healthcare solutions that can help establishments improve performance and diagnostic accuracy and streamline care delivery through sophisticated point-of-care communications systems.



MD SERIES

The NEC MD Series of high end diagnostic displays ensure the highest level of image quality due to the very high brightness, uniformity, contrast and full DICOM Part 14 compliance.

MD211G3	21", 3MP, Grayscale	Medical Diagnostic
MD211G5	21", 5MP, Greyscale	Mammography
MD215MG	21", 5MP, Grayscale	Mammography
MD210C2	21", 2MP, Colour	Medical Diagnostic
MD211C2	21", 2MP, Colour	Medical Diagnostic
MD211C3	21", 3MP, Colour	Medical Diagnostic
MD242C2	24". 2MP, Colour	Medical Diagnostic
MD301C4	30" Wide, 4MP, Colour	Medical Diagnostic

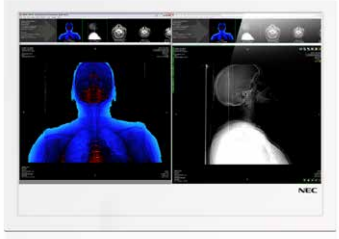
MDVIEW

The NEC MDview Series are DICOM Preset colour displays which have been designed with both reliable quality and affordability in mind. Unique built-in firmware features (which you will not find in off-the-shelf or system-bundled LCDs) make MDview displays, which can be calibrated to the DICOM Grayscale Display Function using NEC's GammaCompMD QA software, ideal for all hospital-wide PACS referral/reviewing.

MDview 202	20", 2MP, Colour	Medical Review
MDview 213	21", 2MP, Colour	Medical Review
MDview 232	23" Wide, 2.1MP, Colour	Medical Review
MDview 243	24" Wide, 2.3MP, Colour	Medical Review
MDview 271	27" Wide, 3.7MP, Colour	Medical Review

MD4610R

Of particular note is the new MD4610R, a large format operating room display with DICOM calibration, optional integrated single-board computer and full CEMDD compliance, bringing a much-needed digital display enhancement to the operating room.



MD4610R	46" Large Format LCD	Operating Room

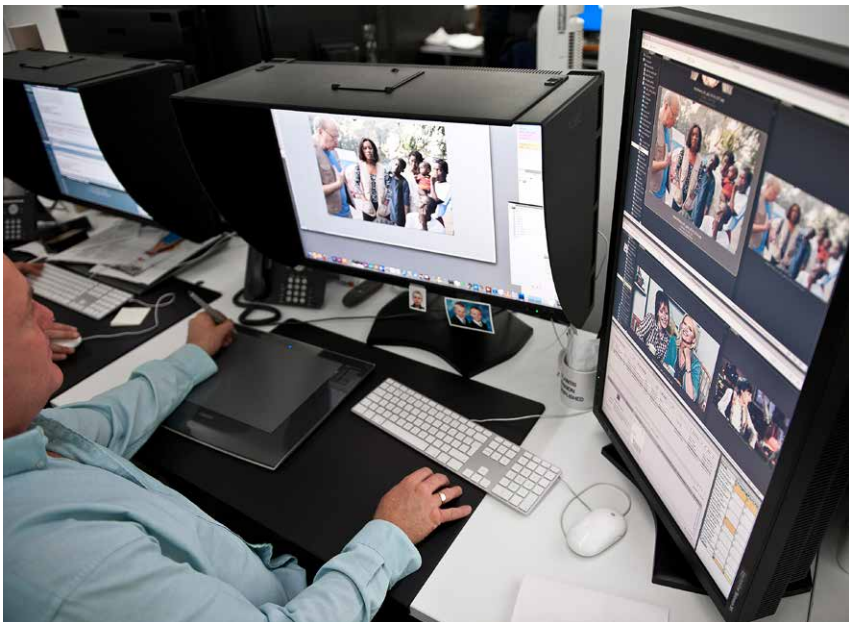
For more detailed information please visit: **www.medical.nec-display-solutions.com**

COLOUR CRITICAL DISPLAYS SpectraView®

The perfect choice for creative professionals. SpectraView® LCDs with the latest P-IPS panel technology are hand-picked to meet the highest standards for professional applications.

Brilliant picture quality for accurate colour reproduction, precise calibration options with SpectraView® Profiler 5.0 software, Picture in Picture, Integrated USB hub, Backlight Ageing Correction, Wide Colour Gamut, 3D LUT Colour Space Emulation, integrated gamma correction and optimum ergonomics thanks to 150 mm height adjustment.

For more detailed information please visit:
www.spectraview.nec-display-solutions.com



	SV232	SV242	SV272	SV Ref242	SV Ref272	SV Ref301	* SV Ref302
Order Code	60003161	60003544	60003546	60003543	60003545	60002929	60003547
Colour Versions	B	B	B	B	B	B	B
Panel Technology	IPS / LED	AH-IPS / LED	AH-IPS / LED	AH-IPS / LED	AH-IPS / LED	10 Bit P-IPS	AH-IPS / LED
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27 / 68.5	24.1 / 61.1	27 / 68.5	29.8 / 75.6	29.8 / 75.6
Aspect Ratio	16:9	16:10	16:9	16:10	16:9	16:10	16:10
Colour Gamut AdobeRGB / NTSC [%]	76 / 72	109 / 99	109 / 99	109 / 99	109 / 99	107 / 102	109 / 99
Brightness (typ.) [cd/m²]	250	340	340	340	340	350	340
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	8	7	8	7	7	7
Colours [Mio.]	16.77	1073	1073	1073	1073	1073	1073
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440	1920 x 1200	2560 x 1440	2560 x 1600	2560 x 1600
Connectors	DisplayPort, DVI-D, HDMI, USB	DisplayPort, DVI-D, HDMI, VGA, USB	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI	DisplayPort, DVI-D, HDMI, VGA, USB	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI	DisplayPort, DVI-D, HDMI	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI
Power Use Normal / ECO [W]	29 / 18	56 / 37	73 / 37	56 / 37	73 / 37	155 / 90	87 / 47
Power Saving Mode [W]	1	2	1.4	2	1.4	1.7	1.4
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	17.0 / 16.2	18.2 / 18.2	20.0 / 20.3	18.2 / 18.2	20.0 / 20.3	20.0 / 22.4	22.0 / 22.4
Dimensions with stand (W x H x D)	543.6 x 338.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688 x 465 x 302	688 x 466.4 x 301.6
Weight with stand [kg]	9.2	10.6	12.9	10.6	12.9	18.8	18.0
TCO	●	-	-	-	-	●	-
NaViSet Administrator 2	●	●	●	●	●	●	●
SpectraView Profiler Software	●	●	●	●	●	●	●

* Specifications subject to change prior to launch in Autumn 2013

ALL SV REFERENCE DISPLAYS INCLUDE A HOOD, PERFECT PIXEL WARRANTY, UNIFORMITY CERTIFICATION AND WELCOME KIT

GB LED

REFERENCE

0* PIXEL DEFECT

3 YEARS WARRANTY

5 YEARS OPTION

*SV Reference Models Only

LARGE FORMAT DISPLAYS

As a world leading name in Digital Signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED Backlit Displays for Performance Critical Applications to High Performance Value Ranges and Reference Options, NEC lead the market for Signage Solutions you can Trust.

NEW RELEASES

NEW E SERIES	New Entry Level Displays Series
NEW P SERIES	Next Generation of P Series, release starting with the P463 , all models also available with protective glass
V652TM	65"Multi-Touch with Edge LED Backlight, 1920 x 1080

POSITIONING	SERIES	IDEAL APPLICATIONS
ENTRY LEVEL	**E**	Ideal for cost efficient retail signage, conferencing and corporate installations up to 12/7 operation time.
VALUE	**V**	Ideal retail signage, conferencing applications and lobby or reception installations up to 16/7 operation time.
PROFESSIONAL 24/7 REFERENCE	**P**	Designed for a wide array of applications such as retail signage including 24/7, transport applications, control room applications and conference rooms.
SPECIALIST 24/7 REFERENCE	**X**	Ideal for a wide array of applications such as retail signage including 24/7, transport applications, conference rooms, lobby / reception installations and integration in totems and furniture.

For more detailed information please visit: **www.nec-display-solutions.com**

	E324	E424	E464	E554	E654
Order Code	60003483	600034834	60003485	60003486	60003487
Panel Technology	VA Edge-LED	VA Edge-LED	VA Edge-LED	VA Edge-LED	VA Direct LED
Screen Size [inch / cm]	31.5 / 80	42 / 106.68	46 / 117	55 / 139	65 /164
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Brightness (max.) [cd/m2]	350	350	350	350	350
Contrast (typ.)	3.000:1	3.000:1	3.000:1	4.000:1	4.000:1
Viewing Angle horizontal / vertical [°]	176/176	176/176	176/176	176/176	176/176
Response Time (typ. G to G) [ms]	6.5	6.5	6.5	6.5	6.5
Native Resolution (at 60 Hz)	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	HDMI, VGA, Component, Composite	HDMI, VGA, Component, Composite	HDMI, VGA, Component, Composite	HDMI, VGA, Component, Composite	HDMI, VGA, Component, Composite
Power Consumption (max.) [W]	45	86	100	122	260
Power Savings Mode [W]	<1	<1	<1	<1	<1
DIMENSIONS (W x H x D) [mm]	725 x 442 x 62 (38)	957 x 573 x 62 (38)	1045 x 622 x 62 (38)	1241 x 735 x 64 (39)	1467 x 872 x 100 (72)
WEIGHT [kg]	7	12	14	20	31
Bezel Width B /T - L - R [mm]	32.4 / 9.9	32.4 / 9.9	32.4 / 9.9	35.3 / 11.9	47.7 / 18.9
Speakers built-in	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
Energy Star	6.0	6.0	6.0	6.0	6.0

E SERIES

ENTRY GRADE
AFFORDABLE QUALITY
THIN BEZEL, HDMI, VGA

32" I 42" I 46" I 55" I 65"

	V322	V423	V463	V552	V652	V801
Order Code	60003306	60003397	60003394	60003396	60003395	60003482
Panel Technology	S-PVA / CCFL	S-IPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	UV2 Edge LED
Screen Size [inch / cm]	31.5 / 80	42 / 106.68	46 / 117	55 / 140	65 /164	80 /203.3
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.511	0.485	0.530	0.630	0.744	0.9225
Brightness (max.) [cd/m2]	450	450	500	450	450	460
Contrast (typ.)	3000:1	1300:1	4000:1	4000:1	4000:1	5000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	12	6.5	6.5	8	6
Native Resolution (at 60 Hz)	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D In/Out, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort, VGA
Slot-In Option	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)
Power Use Normal [W]	88	88	76	100	185	230
Power Consumption (max.) [W]	190	220	205	235	360	420
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1
DIMENSIONS (W x H x D) [mm]	787 x 476 x 94	972.5 x 564.4 x 68.3	1058.2 x 612.8 x 65.1	1250 x 720 x 64	1540 x 909 x 88	1836.2 x 1061.3 x 86.2
WEIGHT [kg]	12.1	16.8	18.9	26.5	52.0	61.5
Bezel Width T - B / L - R [mm]	40.3 / 43.2	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3	50.5 / 53.5	29.7 / 29.7
Integrated Speakers	2 x 8 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
Energy Star	5.1	-	-	5.1	-	-
DisplayNote	•	•	•	•	•	•
NaViSet Administrator 2	•	•	•	•	•	•
NEC Field Analyst	•	•	•	•	•	•

3 YEARS WARRANTY

V SERIES

COMMERCIAL GRADE
AFFORDABLE QUALITY
DISPLAYPORT, HDMI
FULL HD MODELS

32" | 42" | 46" | 55" | 65" | 80"

	P403*	P463	P553*	P703*	P801*
Order Code	60003477	60003478	60003479	60003480	60003481
Panel Technology	S-PVA with edge LED backlights	S-PVA with edge LED backlights	S-PVA with edge LED backlights	UV² A with Edge LED backlight	UV² A with Edge LED backlight
Screen Size [inch / cm]	40 / 101.6	46 / 116.8	55 / 138.8	70 / 177.7	80 / 203.2
Aspect Ratio	16:9	16:9	16:9	16:9	16.9
Pixel Pitch [mm]	0.53025	0.53025	0.63	0.802	0,9225
Brightness (max.) [cd/m2]	700	700	700	700	700
Contrast (typ.)	4000:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	4
Native Resolution (at 60 Hz)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN
Slot-In Option	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot
Power Use Normal [W]	tbd	tbd	tbd	150	235
Power Consumption (max.) [W]	tbd	tbd	tbd	210	430
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1
Dimensions (W x H x D) [mm]	920.6 x 532.2 x 66.5	1,055.4 x 608.6 x 64.5	1,250.2 x 721 x 64.5	1,250.2 x 721 x 64.5	1,836.2 x 1,061.3 x 86.9
Weight [kg]	18.0	21	27	47	61.5
Bezel Width T - B / L - R [mm]	15.5	16.5	18.5	23.0	29.7
Integrated Speakers	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W
DisplayNote	●	●	●	●	●
NaViSet Administrator 2	●	●	●	●	●
NEC Hiperwall	●	●	●	●	●
NEC Field Analyst	●	●	●	●	●

P SERIES

24/ 7 REFERENCE PERFORMANCE
THIN BEZEL, FULL HD
OPTIONAL HUMAN SENSOR
NFC CHIP INTEGRATED
ADVANCED HEAT MANAGEMENT
DISPLAYPORT, HDMI

40” | 46” | 55” | 70” | 80”

XUN SERIES

VALUE AND REFERENCE MODELS
24/7 TRUSTED PERFORMANCE
DIRECT LED BACKLIGHTING
DISPLAYPORT, HDMI
ADVANCED HEAT MANAGEMENT

46” | 55”

	X462HB	X462UNV	X463UN	X551UN	X401S	X462S	X552S
Order Code	60003174	60003594	60003302	60003146	60003327	60003399	60003329
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Edge LED	S-PVA / Edge LED	S-PVA / Edge LED
Screen Size [inch / cm]	46 / 117	46 / 117	46 / 117	55 / 139	40 / 102	46 / 117	55 / 139
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.530	0.530	0.530	0.63	0.461	0.530	0.63
Brightness (Max.) [cd/m²]	1500	450	700	700	700	700	700
Contrast (typ.)	3500:1	3500:1	3500:1	4000:1	3500:1	4000:1	4000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D In, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort In/Out, VGA	DVI-D In/Out, HDMI, DisplayPort In/Out, VGA	DVI-D In/Out, HDMI, DisplayPort In/Out, VGA	DVI-D In/Out, HDMI, DisplayPort, VGA	DVI-D In/Out, HDMI, DisplayPort	DVI-D In/Out, HDMI, DisplayPort, VGA
Slot-In Option	STv1	STv1 or STv2 (OPS)	STv1 or STv2 (OPS)	STv1 or STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)
Power Use Normal [W]	320	120	120	190	110	110	160
Power Use Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1
Power Management VESA DPMS	●	●	●	●	●	●	●
Dimensions (W x H x D) [mm]	1055 x 609 x 140	1024 x 577 x 118	1024 x 577 x 118	1215 x 686 x 128	925 x 537 x 43	1059 x 613 x 46	1254 x 725 x 46
Weight [kg]	31	24.3	24.3	36.4	18.9	20.7	24.5
Bezel Width T - B / L - R [mm]	16.5 / 17.0	3.7 / 1.8	3.8 / 1.9	3.7 / 1.8	21.0	18.7	20.5
Integrated Speakers	-	-	-	-	2 x 5W	2 x 5W	2 x 5W
Energy Star	-	●	●	●	●	●	●

* Specifications subject to change prior to launch

	V322 PG	P403 PG*	P463 PG	P553 PG*	P703 PG*	P801 PG*	X401S PG	X462S PG	X552S PG
Order Code	60003439	60003477	60003478	60003479	60003480	60003481	60003437	60003433	60003432
Integrated NEC MultiSync® Model	V322	P403	P463	P553	P703	P801	X401S	X462S	X552S
Panel Technology	S-PVA with CCFL Backlights	S-PVA with edge LED backlights	S-PVA with Edge LED backlights	S-PVA with Edge LED backlights	UV² A with Edge LED backlight	UV² A with Edge LED backlight	S-PVA with Edge LED Backlights	S-PVA with Edge LED Backlights	S-PVA with Edge LED Backlights
Brightness (max) [cd/m2]	450	700	700	700	700	700	700	700	700
Viewing Angle Hor / Ver	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Glass type	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	5mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott
Coating	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated	Double sided anti-reflective coated
Light Transmission [%]	97	97	97	97	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thickness [mm]	4	4	4	4	4	5	4	4	4
Native Resolution at 60 Hz	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Slot-In Option	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)	STv2 (OPS)
Power Consumption on Mode (W)	88 typical; 190 (max.)	tbd	tbd	tbd	150 typical; 210 (max.)	235 typical; 435 (max.)	110 typical; 230 (max.)	110 typical; 255 (max.)	160 typical; 350 (max)
Power Saving Mode (W)	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO-Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1
DIMENSIONS (W x H x D) [mm]	787 x 476 x 99	920.6 x 532.2 x 66.5	1,055.4 x 608.6 x 64.5	1,250.2 x 721 x 64.5	1,250.2 x 721 x 64.5	1,836.2 x 1,061.3 x 86.9	925 x 537 x 48	1,059.3 x 613 x 51.1	1,254.5 x 725.3 x 51.1
WEIGHT w/o stand (net) [kg]	15.7	21.0	27.3	35.8	tbd	85.7	19.9	27.0	33.5
Bezel Width T-B / L-R (mm)	40.3 / 43.2	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	23.0 / 23.0	29.7 / 29.7	18.0 / 18.0	18.7 / 18.7	20.5 / 20.5
Integrated Speakers	2 x 8 W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 5 W	2 x 5 W	2 x 5 W
Energy Star	5.1	-	-	-	-	-	5.1	5.1	5.1
DisplayNote	•	•	•	•	•	•	•	•	•
NaViSet Administrator 2	•	•	•	•	•	•	•	•	•

	V462 TM	V652 TM*
Order Code	60003400	60003553
Integrated Display	V462	V652
Panel Technology / Backlight	S-PVA with CCFL backlights	AMVA3 with Edge LED backlights
Screen Size (inch / cm)	46 / 117	65 / 164
Brightness (shipping) [cd/m²]	350, (450 max)	320, (450 max)
Contrast (typ.)	3000:1	4000:1
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080
Slot-In Option	STv1 or STv2	STv2 (OPS)
Power Consumption on Mode (W)	165 shipping; 500 (max.)	185 shipping; 360 (max.)
Power Saving Mode (W)	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1
Power Management VESA DPMS	•	•
Dimensions without stand (W x H x D)	1122 x 665 x 120	1,540.4 x 909.2 x 102
Weight without stand (kg)	33.4	68.3
Bezel Width T-B / L-R (mm)	45 / 50.4	50.5 / 53.5
Energy Star	•	•
Touch technology	Optical Camera Technology with 4 Cameras	Optical Camera Technology with 4 Cameras
Protection Glass	6 mm, single sided anti-reflection, fully tempered	6 mm, double sided anti-reflection, fully tempered
Touch Points / Events	up to 6 simultaneous (max. 4 drag points)	up to 4 simultaneous touches; up to 5 multi-touch gestures
Input Method	Finger; Stylus; Gloves	Finger; Stylus; Gloves
Light Transmission [%]	96	96
Reflection Rate [%]	2	2
Driver	1 touch point: Windows XP; Mac OS 6 touch points: Windows 7 Professional; Windows Vista; Linux	5 touch points (incl. gesture control): Windows 7, Windows 8; 4 touch points: Windows Vista; 1 touch point: Windows XP, Mac OS, Linux
Communication Protocol	USB-HID; RS323	USB-HID; RS323

* Specifications subject to change prior to launch

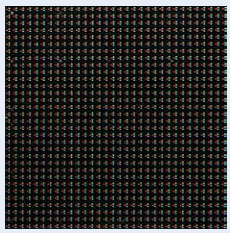
MULTI-TOUCH DISPLAYS

An ideal solution for interactive applications requiring Multi touch: interactive retail signage and usage as an interactive large format display whiteboard in education as well as corporate meetings.

With the purchase of a selected Touch Displays NEC also include a free DisplayNote presenter licence. DisplayNote is a new collaboration solution from NEC that is ideal for Education and Corporate requirements.

www.nec-display-solutions.com/displaynote

LED MODULES



LED MODULES

INDOOR AND OUTDOOR
6MM, 10MM, 15MM, 20MM PITCH
IP2 AND IP65
NICHIA LAMPS
SERVICE SOLUTIONS

50 x 50CM MODULES

	LED06AF1	LED06F1V	LED10BF1	LED15BF1	LED20BF1
Order Code	60003000	60003557	60003508	60003001	60003511
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (White)	3-in-1 SMD (Black)	1R / 1G / 1B discrete LED	1R / 1G / 1B discrete LED
Number of Pixel per Tile [dot]	80 x 80	80 x 80	48 x 48	32 x 32	24 x 24
Number of Pixel per m^2	160 x 160	160 x 160	96 x 96	64 x 64	48 x 48
Pixel Pitch [mm]	6.25	6.25	10.417	15.625	20.83
Brightness (typ.) [cd/m^2]	2000	3000	6000	7500	7500
Contrast Ratio (typ.)	3500:1	2000:1	4000:1	4500:1	4500:1
Viewing Angle Hor / Vert [°]	±75-75 / ±70-70	±75-75 / ±70-70	±70-70 / ±30-60	±70 / +15 to -30	±70 / +30 to -60
Colour Processing	14 bit	14 bit	16 bit	16 bit	16 bit
Dimming Capability	64 level	64 level	64 level	64 level	64 level
Gamma Correction	1.8/2.0/2.2 (Default) / 2.4	1.8/2.0/2.2 (Default) / 2.4	1.8/2.0/2.2 (Default) / 2.4	1.8/2.0/2.2 (Default) / 2.4	1.8/2.0/2.2 (Default) / 2.4
Colour Temperature [K]	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300
Refresh Rate	> 800 Hz	> 800 Hz	> 800 Hz	> 800 Hz	> 800 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	Circular, DVI-D RS-422	DVI-D Dual Link In/Out	Circular, DVI-D RS-422
Power Use on Mode [W]	235W (Full White); 78W (50% grey level)	135W (Full White)	145W (Full White)	135W (Full White); 45W (50% grey level)	135W (Full White);
Dimensions (W x H x D) [mm]	500 x 500 x 170	500 x 500 x 170	500 x 500 x 190	500 x 500 x 190	500 x 500 x 188
Weight [kg]	12.7	12.7	12.8	14.0	13.6
IP Level	IP2	IP2	IP65	IP65	IP65

REFERENCE

3 YEARS WARRANTY

	VD1	VP1
Video Input Connection	DVI-D	HDMI x 2, 5-RCA, 5-BNC, Mini D-sub15p, RCA, Mini Din 4pin
Optimum Resolution	1024 x 768 at 60Hz	1024 x 768 at 60Hz
Output Connectors	DVI-D x 8 with RS-422 control for LED modules DVI-D x 1 for cascade connection of video distributor	DVI-D, Control: RS232C (D-Sub 9P), 19.200 bps
Latency	Within 1 Frame	Within 1 Frame
Dimensions W x H x D [mm]	480 x 98 x 325	480 x 95 x 340
Weight [kg]	4.6	3.2
Power Use on Mode [W]	15	16
Operating Temperature [°C]	-20 to 40	5 to 35
Operating Humidity [%]	10 to 90	10 to 90
Storage Temperature [°C]	-30 to 60	0 to 60
Storage Humidity [%]	10 to 90	10 to 90

MOUNTING SOLUTIONS

WALL MOUNT v LARGE FORMAT DISPLAY MODEL		X463UN	X551UN	X462UNV	X462HB	X401S	X462S	X552S	P403	P463	P553	P703	P801	SV552	V322	V423	V463	V552	V652	V801	V462-TM	V652-TM	E324	E424	E464	E554	E654
WALL MOUNTS	ORDER CODE																										
PDW S 32-55 L	100012666	O	O	O	O	●	●	●	●	●	●	-	-	●	●	●	●	●	-	-	-	-	●	●	●	●	-
PDW S 32-55 P	100012665	O	O	O	O	●	●	●	●	●	●	-	-	●	●	●	●	●	-	-	-	-	-	-	-	-	-
PDW T M L *	100013089	●	●	●	●	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●	●	●	-	-
PDW T M P *	100013088	●	●	●	●	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-	-	-	-	-
PDW T L L *	100013091	●	●	●	●	●	●	●	●	●	●	-	-	●	-	●	●	●	●	-	●	●	-	●	●	●	●
PDW T L P *	100013090	●	●	●	●	●	●	●	●	●	●	-	-	●	-	●	●	●	●	-	●	●	-	-	-	-	-
PDW T XL	100013412	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	-	●	●	-	●	-	-	-	-	●
PDWXS 46 55 L	100012829	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIDEOWALL MOUNTS	ORDER CODE																										
PD02VWXUN 2x2 46 L	100013131	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 2x2 55 L	100013001	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VWXUN 46L	100012994	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 46 P	100012481	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 55 L	100012784	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 55 P	100012783	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VW 46 55 L**	100013263	●	●	●	●	●	●	●	●	●	●	-	-	O	-	O	O	O	O	-	-	-	-	-	-	-	-
PDVW MFS 46 55 L	100012730	●	●	●	●	-	●	●	-	●	●	-	-	O	-	-	O	O	-	-	-	-	-	-	-	-	-
PDVW MFS 46 55 P	100012915	●	●	●	●	-	●	●	-	●	●	-	-	O	-	-	O	O	-	-	-	-	-	-	-	-	-
PD02VW MFS 46 55 L **	100013100	●	●	●	●	●	●	●	●	●	●	-	-	O	-	O	O	O	O	-	-	-	-	-	-	-	-
PD02VW MFS 46 55 P **	100013099	●	●	●	●	-	●	●	-	●	●	-	-	O	-	O	O	O	O	-	-	-	-	-	-	-	-
PDVWXUN easyHook 55 L (EOL)	100013102	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE MOUNTING SOLUTIONS	ORDER CODE																										
PDMHM-L	100013383	O	O	O	O	●	●	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	-	●	●	●	●
PDMVC	100013379	O	O	O	O	-	●	●	-	●	●	-	-	●	-	-	●	●	●	-	-	-	-	-	-	-	-
PDVWM 2x2 46 55 L	100013262	●	●	●	●	●	●	●	●	●	●	-	-	●	-	O	O	O	-	-	-	-	-	-	-	-	-
PDVWM 3x3 46 55 L	100013265	●	●	●	●	-	●	●	-	●	●	-	-	●	-	-	O	O	-	-	-	-	-	-	-	-	-
easyFrame02 X46UN	SOLD AS KITS***	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easyFrame X55UN	SOLD AS KITS***	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEIGHT-ADJUSTABLE SOLUTIONS	ORDER CODE																										
PDWHM-M	100013378	-	-	-	-	-	●	●	-	●	●	-	-	-	-	-	●	●	-	-	●	-	-	-	O	O	-
PDWHM-L	100013377	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	-	●	●	-	●	-	-	-	-	O
PDMHA	100013365	-	-	-	-	-	●	●	-	●	●	●	●	-	-	-	●	●	●	●	●	●	-	-	O	O	O

* Optional Connector Kits easily connect mounts to create mulit-monitor menuboard configurations. To find the right configuration of mounts and connectors, refer to the product datasheet.

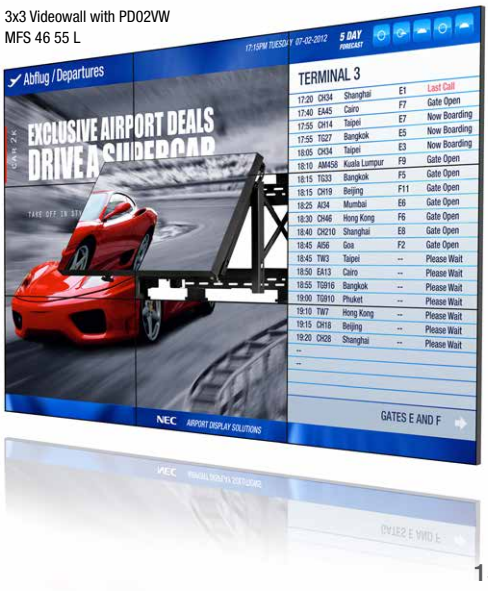
** Optional Connector Kits eliminate on-site calculations. To find the right configuration of mounts and connector, refer to the product datasheet.

*** Please contact NEC for the order codes of a specific easyFrame configuration.

VIDEOWALL ACCESSORIES		X463UN	X551UN	X462UNV
ACCESSORY	ORDER CODE			
KT-46UN-OF2	100012993	●	-	●
KT-55UN-OF	100012785	-	●	-
REMOTE CONTROL KIT (RC)	100012479	●	●	●
CALIBRATION KIT (KT-X46UN-CC)	100012942	●	●	●
HUMAN SENSOR KIT (KT-RC2)	100013487	Only compatible with P Series		

●	Perfect Compatibility
O	Compatibility is Possible
-	Not Compatible

3x3 Videowall with PD02VW MFS 46 55 L



SPEAKER I STAND

SPEAKER COMPATIBILITY

MultiSync V801 with High-End Speaker SP-80SM

High-End Speaker SP-PXS55 SM

Rear-mounted Speaker SP-RM1

SPEAKER v MODEL		X463UN	X551UN	X462UNV	X462HB	X401S	X462S	X552S	P403	P463	P553	P703	P801	SV552	V322	V423	V463	V552	V652	V801	V462-TM	V652-TM	E324	E424	E464	E554	E654
SPEAKER	ORDER CODE	COMPATIBILITY																									
SP-4046PV	100012831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SP-RM1	100012663	○	●	○	●	-	○	○	-	○	○	●	●	○	-	-	○	○	○	○	○	○	-	-	-	-	-
SP-RM2	100012728	-	-	-	-	●	-	-	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-
SP-46SM	100013413	-	-	-	-	-	●	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-
SP-PXS55 SM	100013057	-	-	-	-	-	-	●	-	-	-	-	-	●	-	-	-	●	-	-	-	-	-	-	-	-	-
SP-55SM	100013463	-	-	-	-	-	-	●	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-
SP-V65 SM	100013272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-
SP-80SM	100013414	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-
Speakers Built-In		-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
No Speaker Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

STAND COMPATIBILITY

●	Perfect Compatibility
○	Integrated, bulge from surface of back cover
-	Not Compatible

STAND v MODEL		X463UN	X551UN	X462UNV	X462HB	X401S	X462S	X552S	P403	P463	P553	P703	P801	SV552	V322	V423	V463	V552	V652	V801	V462-TM	V652-TM	E324	E424	E464	E554	E654
STAND	ORDER CODE	COMPATIBILITY																									
ST-322	100013034	-	-	-	-	●	-	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-	-
ST-4020	100012203	●	-	●	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-4620	100012205	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	●	-	-	-	-	-	-
ST-5220	100012201	-	●	-	-	-	-	●	-	-	●	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-651	100012828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	●	-	-	-	-	-
ST-701	100012651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-801	100013328	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-
Stand Included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
No Stand Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SLOT-IN OPTIONS

SLOT-IN OPTIONS

A

B

A. STv2 Board
B. Dual Slot Adaptor

3 YEARS WARRANTY

Naming	Detail	Explanation
STv1	Slot Technology Version 1	This is the traditional NEC Option Slot
STv2 (OPS)	Slot Technology Version 2	This new slot is compatible with NEC / Intel OPS Standard
Dual Slot	STv1 and STv2	Products that can house either STv1 or STv2 boards
Standalone	External Adaptor for STv2	Various Interface boards to widen the connectivity options
Interface Extension	Interface Extension Boards	Accepts various interface boards to widen connectivity options

MORE POWER TO YOUR SIGNAGE

Select one of many powerful upgrade options today or even integrate new technology in the future. With no cables required due to internal connection for power, video, audio and control, the option slot also fits neatly within the display or projector profile for a more elegant installation.

SINGLE SERVICE POINT

An NEC Display Device that incorporates an Option Board uniquely gives the customer one service contact and matching warranties for the display or projector and the board and in the case that servicing is required, a slot product can easily be removed and serviced separately with the display in tact.

FUTURE PROOFING YOUR DISPLAY

Option Slots give your display an 'upgrade ready' path for today's boards and additionally, compatible boards that may be developed in the future. They also are exchangeable between compatible products either directly or in certain cases using a cradle meaning that they form a useful element in your display solutions for the entire site.

OPTION BOARD v LARGE FORMAT MODEL			X463UN	X551UN	X462UNV	X462HB	X401S	X462S	X552S	P403	P463	P553	P703	P801	SV552	V322	V423	V463	V552	V652	V801	V462-TM	V652-TM	E324	E424	E464	E554	E654
SLOT OPTION	FORMAT	ORDER CODE	Dual	Dual	Dual	STv1	STv2	STv2	STv2	STv2**	STv2**	STv2**	STv2**	STv2**	Dual	STv2	STv2	STv2	STv2	STv2	STv2	Dual	Dual	no Slot	no Slot	no Slot	no Slot	no Slot
Atom 2x 1.6*	STv2	100013071	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Celeron 1.4*	STv2	100013018	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Celeron 2x 1.6*	STv2	100013178	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Celeron ivy 2x2.2	STv2	100013248	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Core i3 ivy 2 x 2.4*	STv2	100013246	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Core i5 2x 2.5*	STv2	100012991	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Core i5 ivy 2x2.7*	STv2	100013253	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Core i7 ivy 4x2.1*	STv2	100013250	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
HD-SDI 1.5G	STv2	100012893	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
HD-SDI 3G	STv2	100012947	○	○	○	•	•	•	•	○	○	○	○	○	○	•	•	•	•	•	•	○	○	•	•	•	•	•
Analog Video Expansion Board	Interface Extension	100013510	-	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BNC Expansion Board	Interface Extension	100013511	-	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digital Video Expansion Board	Interface Extension	100013512	-	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All CAT 5 Signal Distribution	STv1	On Request	•	•	•	•	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	•	•	-	-	-	-	-
DVI Daisy Chain	STv1	100012311	•	•	•	•	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	•	•	-	-	-	-	-

OPTION BOARD v PROJECTOR MODEL			PH1400U	PH1000U	PX700W	PX750U	PX800X
SLOT OPTION	FORMAT	ORDER CODE	STv2	STv2	STv2	STv2	STv2
Atom 2 x 1.6*	STv2 (OPS)	100013071	•	•	•	•	•
Celeron 1.4*	STv2 (OPS)	100013018	•	•	•	•	•
Celeron 2 x 1.6*	STv2 (OPS)	100013178	•	•	•	•	•
Celeron ivy 2x2.2	STv2 (OPS)	100013248	•	•	•	•	•
Core i3 ivy 2 x 2.4*	STv2 (OPS)	100013246	•	•	•	•	•
Core i5 2 x 2.5	STv2 (OPS)	100012991	•	•	•	•	•
Core i5 ivy 2 x 2.7	STv2 (OPS)	100013253	•	•	•	•	•
Core i7 ivy 4 x 2.1	STv2 (OPS)	100013250	•	•	•	•	•
HD-SDI Internal 1.5G	STv2 (OPS)	100012893	•	•	•	•	•
HD-SDI Internal 3G	STv2 (OPS)	100012947	•	•	•	•	•

•	Compatible
○	Compatible using Dual Slot STv2 Adaptor
•	Compatible using external Standalone Adaptor (Stv2)
-	Not Compatible

* Please note that all other SBC configurations have the same compatibility characteristics

** STv2 or Interface Extension

STv2 OPS SBC

STv2 HD-SDI Board

NEC OPTION SLOT BENEFITS

Expansion and Future Proofing Built into the Display/ Projector

An Elegant, Unobtrusive, Cable-Free Installation. All Connectors are inside the Displays including Power, Video & Audio Signals and RS232. No External Cables Required.

Two Expansion Slot Formats for Extra Flexibility

New Slot-in Computers with lowest power consumption

Single Service Point for a Display / Projector and Integrated Board

Flexible User Configuration

PROJECTORS

New High Brightness, Heavy Duty Installation models, which draw upon NEC's leadership in the Digital Cinema market combined with a comprehensive range of Mobile, Conventional and Specialist Projectors for the Classroom or Corporate.

With a traditional focus on Education, many of our Projectors include Special Education warranties and solutions and we bundle free software that helps you get connected, share content or make up for a lost remote control. More information on NEC Education Solutions is available at:
www.education-nec.com

EDU SOLUTIONS

NEW RELEASES

NEW V SERIES	Next generation of V Series, Higher Brightness and Contrast

POSITIONING	SERIES	IDEAL APPLICATIONS
LED MOBILE	**L**	Ideal for presentation on the move, ultra-light weight and elegant
VALUE	**V**	Ideal for classrooms, (small) meeting rooms, cross-use (private/professional), mobile / cooperative applications
MULTIPURPOSE	**M**	Suited for classrooms and small to medium sized meeting rooms
ULTRA SHORT THROW	**U**	Ideal for meeting rooms and digital signage applications, as well as for classrooms
ULTRA SHORT THROW AND INTERACTIVE VERSION	**UM** **UMi**	Ideal for meeting rooms and digital signage applications, as well as for classrooms
PROFESSIONAL	**P** **PE**	Best solution for larger meeting rooms and university lecture halls
PROFESSIONAL ADVANCED	**PA**	Ideal for corporate, high education and rental
PROFESSIONAL EXTREME	**PX**	Ideal for rental / staging, large corporate, high education, conference room, museum and signage
PROFESSIONAL HIGH END	**PH**	Best solution for rental / staging, high education and digital signage
DIGITAL CINEMA	**NC**	World leading cinema projectors for multi-national chains or single venues.

For more detailed information please visit: **www.nec-display-solutions.com**

	L51W LED
Order Code	60003377
Display	DLP 1x 1,14 cm (0,45") DMD Chip
Aspect Ratio	16:10
Native Resolution	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	500
Contrast Ratio	4000:1
Projection Factor	1.4 : 1
Projection Distance [m]	0.52 - 3
Projection Angle [°]	13.8
Screen Size (min / max) [cm (inch)]	43.2 / 254 (17 / 100)
Zoom / Focus	Digital / Manual
Connectors	HDMI, SD Card, USB A & B, RGB In, Video, 1 x Audio In
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	105 / 70 / - / 0.5
Dimensions (W x H x D) [mm]	226 x 43 x 174
Weight [kg]	1.2
Speakers (mono) [W]	1 x 2

3 YEARS WARRANTY

6 MONTHS FOR LAMP

ECO INNOVATION

L SERIES

500 ANSI LUMEN
WXGA

STYLISH DESIGNER LINES
LED LIGHT SOURCE
LIGHTWEIGHT 1.2KGS
PC-LESS PRESENTATION
SD CARD READER
SPEAKER

V SERIES

2300 | 2600 | 2800 | 3100

VALUE RANGE
DLP COLOUR PERFORMANCE
UP TO 5000 HOURS LAMP LIFE (ECO)
LAN CONNECTIVITY (SOME MODELS)
SPEAKERS

	V230X	V260	V260X	V281W	V311W	V311X
Order Code	60003177	60003176	60003178	60003635	60003636	60003637
Display	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	1 x 1.65 cm (0.65") 2x LVDS DMD Chip	1 x 1.65 cm (0.65") 2x LVDS DMD Chip	1 x 1.65 cm (0.65") 2x LVDS DMD Chip
Aspect Ratio	4:3	4:3	4:3	16:10	16:10	16:10
Native Resolution	1024 x 768 (XGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	2300	2600	2600	2800	3100	3100
Contrast Ratio	3000:1*	3000:1*	3000:1*	3000:1	3000:1	3000:1
Projection Factor	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.55 – 1.7 : 1	1.55 – 1.7 : 1	1.94 – 2.13 : 1
Projection Distance [m]	1.2 – 13	1.2 – 13	1.2 – 13	1 – 11	1 – 11	1.2 – 13
Projection Angle [°]	12.8-14.0	12.8-14.0	12.8-14.0	12.9-14.1	12.9-14.1	12.8-14 .0
Screen Size (min / max) [cm (inch)]	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	RGB In, PC Control, 1 x RGB out, S-Video, Video, 1 x Audio In	RGB In, PC Control, 1 x RGB out, S-Video, Video 1 x Audio In	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 2 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1x RGB out, HDMI, S-Video, Video, Audio: 3x In, 1x Out	2 x RGB In, PC Control, LAN, 1x RGB out, HDMI, S-Video, Video, Audio: 3x In, 1x Out	2 x RGB In, PC Control, LAN, 1x RGB out, HDMI, S-Video, Video, Audio: 3x In, 1x Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	233 / 210 / 4 / 0.8	233 / 210 / 4 / 0.8	233 / 210 / 4 / 0.8	268 / 210 / 4 / 0.5	268 / 210 / 4 / 0.5	268 / 210 / 4 / 0.5
Lamp Life Normal / ECO [hrs.]	3500 / 5000	3500 / 5000	3500 / 5000	3000 / 5000	3000 / 5000	3000 / 5000
Dimensions (W x H x D) [mm]	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247
Weight [kg]	2.5	2.5	2.5	2.5	2.5	2.5
Speakers (mono) [W]	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7
TCO	●	-	●	-	-	-
Education Warranty Available	-	-	Yes	Yes	Yes	Yes
NaViSet Administrator 2	-	-	●	●	●	●

	M230X	M271X	M271W	M311X	M311W	M361X	M420X
Order Code	60002958	60003404	60003408	60003405	60003407	60003406	60003131
Display	3 x 1.6 cm (0.63") p-Si LCD Panel	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA
Aspect Ratio	4:3	4:3	16:10	4:3	16:10	4:3	4:3
Native Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2300	2700	2700	3100	3100	3600	4200
Contrast Ratio	2000:1	3000:1	3000:1	3000:1	3000:1	3000:1	2000:1
Projection Factor	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8	0.6 – 13.8	0.7 – 14.7	0.7-14.7	0.7 – 14.7	0.6 – 13.8	0.6 – 13.8
Projection Angle [°]	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4
Screen Size (min / max) [cm (inch)]	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN
Power [W AC] Hi-Bright / Normal / ECO / Stand-By / Power-Saving	NA / 239 / 193 / 8 / 0.4	239 / 193 / 172 / 8 / 0.4	239 / 193 / 172 / 8 / 0.4	239 / 193 / 172 / 8 / 0.4	302 / 236 / 211 / 8 / 0.4	302 / 236 / 211 / 8 / 0.4	NA / 343 / 264 / 8 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 6000	6000 / 10000	6000 / 10000	6000 / 10000	5000 / 8000	5000 / 8000	3000 / 3500
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	398 x 115 x 282
Weight [kg]	2.9	2.99	2.99	2.99	2.99	2.99	3.6
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
TCO	•	•	•	•	•	•	-
Education Warranty Available	•	•	•	•	•	•	•

	M260WS	M260XS	M300WS	M300XS	M350XS	U310W
Order Code	60003072	60003074	60003075	60003076	60003077	60003068
Display	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	DLP 1 x 1.65 cm (0.65") 2x LVDS DMD
Aspect Ratio	16:10	4:3	16:10	4:3	4:3	16:10
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	2600	2600	3000	3000	3500	3100
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Projection Factor	0.47 : 1	0.47 : 1	0.47 : 1	0.47 : 1	0.47 : 1	0.3 : 1
Projection Distance [m]	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.152 – 0.319
Projection Angle [°]	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	55.3
Screen Size (min / max) [cm (inch)]	142.2 / 264.2 (56 / 104)	152.4 / 279.4 (60 / 110)	142.2 / 264.2 (56 / 104)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	196 / 254 (77 / 100)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, Video, LAN, PC Control,1 x RGB out, Video, 3 x Audio In, 1 x Audio Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	302 / 236 / 8 / 0.4	239 / 193 / 8 / 0.4	343 / 264 / 8 / 0.4	302 / 236 / 6 / 0.4	343 / 264 / 8 / 0.4	360 / 315 / 2 / 0.5
Lamp Life Normal / ECO [hrs.]	4000 / 5000	5000 / 6000	3000 / 3500	4000 / 5000	3000 / 3500	2500 / 3000
Dimensions (W x H x D) [mm]	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	427 x 200 x 406
Weight [kg]	4	4	4	4	4	6.5
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
TCO	•	•	•	•	•	•
Education Warranty Available	•	•	•	•	•	•

M SERIES

MULTI-PURPOSE ECO PROJECTION
FLEXIBLE INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 6000 HOURS LAMP LIFE (ECO)
MATCHED FILTER AND LAMP CHANGE

2300 | 2600 | 2700 | 3000 | 3100 | 3500 | 3600 | 4200 ANSI LUMEN
XGA | WXGA
STANDARD THROW | SHORT THROW

U SERIES

ULTRA SHORT THROW
INCLUDES WALL MOUNT
3D READY
EDUCATION WARRANTY AVAILABLE

3100 ANSI LUMEN
WXGA

UM SERIES

PROFESSIONAL ULTRA SHORT THROW
ECO PROJECTION WITHOUT COMPROMISE
INTUITIVE USER-CENTRIC OPERATION
PRESENT WITH LESS GLARE AND SHADOW
0.36:1 THROW RATIO
GREAT CONNECTIVITY

2800 | 3300 ANSI LUMEN
XGA | WXGA
ULTRA SHORT THROW

	UM280X	UM280W	UM330X	UM330W
Order Code	60003391	60003390	60003393	60003392
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA
Aspect Ratio	4:3	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	2800	2800	3300	3300
Contrast Ratio	3000:1	3000:1	3000:1	3000:1
Projection Factor	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1
Projection Distance [m]	0.105 - 0.510	0.105 - 0.510	0.105 - 0.510	0.105 - 0.510
Projection Angle [°]	49.2	53.1	49.2	53.1
Screen Size (min / max) [cm (inch)]	152.4 / 279.4 (60 / 100)	161.5 / 269.2 (63 / 106)	152.4 / 279.4 (60 / 100)	160 / 269.2 (63 / 106)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	235 / 212 / 8 / 0.4	235 / 212 / 8 / 0.4	263 / 233 / 8 / 0.4	263 / 233 / 8 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	3500 / 6000	3500 / 6000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.6	5.7	5.7	5.7
Speakers (mono) [W]	1 x 16	1 x 16	1 x 16	1 x 16
Education Warranty Available	•	•	•	•

	UM280Xi	UM280Wi	UM330Xi	UM330Wi
Order Code	60003571	60003427	60003429	60003428
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA
Aspect Ratio	4:3	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	2800	2800	3300	3300
Contrast Ratio	3000:1	3000:1	3000:1	3000:1
Projection Factor	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1
Projection Distance [m]	0.105 - 0.510	0.105 - 0.510	0.105 - 0.510	0.105 - 0.510
Projection Angle [°]	49.2	53.1	49.2	53.1
Screen Size (min / max) [cm (inch)]	152.4 / 279.4 (60 / 100)	161.5 / 269.2 (63 / 106)	152.4 / 279.4 (60 / 100)	160 / 269.2 (63 / 106)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	235 / 212 / 8 / 0.4	235 / 212 / 8 / 0.4	263 / 233 / 8 / 0.4	263 / 233 / 8 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	3500 / 6000	3500 / 6000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.8	5.7	5.8	5.8
Speakers (mono) [W]	1 x 16	1 x 16	1 x 16	1 x 16
Education Warranty Available	•	•	•	•

P | PE SERIES

ENTRY GRADE HIGH BRIGHTNESS
PROFESSIONAL INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 3000 HOURS LAMP LIFE (ECO)

4000 | 4500 | 5000 ANSI LUMEN
XGA | WXGA | HD

PA SERIES

FLEXIBLE INSTALLATION, 5 OPTIONAL LENS
STACKABLE TO 4 x BRIGHTNESS
HEAVY DUTY PERFORMANCE
DISPLAYPORT AND LAN

5000 | 5500| 6000 ANSI LUMEN
XGA | WXGA | WUXGA

PX SERIES

24/7 REFERENCE PERFORMANCE
DUAL LAMP, BEST QUALITY TECHNOLOGY
DISPLAYPORT, LAN, INTEGRATED STv2 SLOT

7000 | 7500 | 8000 ANSI LUMEN
XGA | WXGA | WUXGA

	P451W	P501X	PE401H	PA500U	PA500X	PA550W	PA600X
Order Code	60003449	60003450	60003447	60003082	60003083	60003085	60003084
Display	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	1 x 1.65 cm (0.65") DDR DMD Chip	3 x 1.93 cm (0.76") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	3 x 1.9 cm (0.75") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA
Aspect Ratio	16:10	4:3	16:9	16:10	4:3	16:10	4:3
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1080	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen] (Max)	4500	5000	4000	5000	5000	5500	6000
Brightness in Normal Mode [approx. %]	80%	80%	75%	80%	80%	80%	80%
Contrast Ratio (DB™ = with DynamicBlack™)	4000:1	4000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Lens [mm]	F= 1.7–2.2, f= 17.4–29.0	F= 1.7–2.2, f= 17.4–29.0	F= 2.4–3.29, f= 23.9 – 40.5	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	No optional lens	No optional lens	No optional lens	6	6	6	6
Projection Factor (std. option)	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.6 - 2.72 : 1	1.5-3.02:1(NP13ZL)	1.5-3.02:1(NP13ZL)	1.5-3.02:1(NP13ZL)	1.5-3.02:1(NP13ZL)
Projection Distance [m]	0.7 – 14.6	0.6 – 13.8	1 – 11	0.70 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)
Screen Size (min. / max.) [cm (inch)]	64 (25") / 762 (300")	64 (25") / 762 (300")	27.9 (11") / 762 (300")	76 (30") / 1270 (500")	76 (30") / 1270 (500")	76 (30") / 1270 (500")	76 (30") / 1270 (500")
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Connectors	HDMI , S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x Audio In, 1 x Audio Out, optional W-Lan	HDMI, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x Audio In, 1 x Audio Out, optional W-Lan	HDMI, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 2 x Audio In, 1 x Audio Out	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan
Power: (High Bright / Normal / ECO) [W]	357 / 292 / 248	357 / 292 / 248	- / 388 / 295	- / 455 / 369	- / 443 / 356	- / 443 / 356	- / 443 / 356
Power Network Stand-by Mode [W]	2.8	2.8	<12	6	6	6	6
Power Saving Mode [W]	0.4	0.4	<0.5	0.2	0.2	0.2	0.2
Lamp Power: Normal / ECO [W/UHP AC]	270 / 163	270 / 163	330 / 248	330 / 264	330 / 264	330 / 264	330 / 264
Lamp Life: Hi Br / Normal / ECO [hrs.]	3500 / 4000 / 6000	3500 / 4000 / 6000	2500 / 3000 / 3300	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000
Dimensions (W x H x D) [mm]	398 x 115 x 282	398 x 115 x 282	350 x 105 x 281	499 x 144 x 359	499 x 144 x 359	499 x 144 x 359	499 x 144 x 359
Weight [kg]	3.9	3.9	4.5	7.8	7.7	7.7	7.7
Speakers [W]	1 x 16W	1 x 16W	2 x 8W	1 x 10W	1 x 10W	1 x 10W	1 x 10W

PH SERIES

3 CHIP DLP, HIGH-END PERFORMANCE, STV2 OPS SLOT
VERTICAL AND HORIZONTAL MOTORISED LENS SHIFT

11,000 | 13,500 ANSI LUMEN
WUXGA

PX700W	PX750U	PX800X	PH1000U	PH1400U
60003183	60003182	60003184	60003275	60003442
1.65 cm (0.65") DMD Chip - DLP™ Technology	1.7 cm (0.67") DMD Chip - DLP™ Technology	1.78 cm (0.7") DMD Chip - DLP™ Technology	3 x 2.44 cm (0.96") 3-Chip - DLP™ Technology	3 x 2.44 cm (0.96") 3-Chip - DLP™ Technology
16:10	16:10	4:3	16:10	16:10
1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
7000	7500	8000	11000	13500
80%	80%	80%	75%	75%
2100:1 DB™	2100:1 DB™	2100:1 DB™	2000:1	2000:1
optional	optional	optional	optional	optional
6 (5 with Lens Memory)	6 (5 with Lens Memory)	6 (5 with Lens Memory)	6 (5 with Lens Memory)	6 (5 with Lens Memory)
0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0,67:1 & 0,9-6,96:1	0,67:1 & 8,9-6,96:1
0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.1 (NP25FL) 74 (NP29ZL)	1.1 (NP25FL) 74 (NP29ZL)
127 (50") / 762 (300")	127 (50") / 762 (300")	127 (50") / 762 (300")	203 (80") / 1270 (500")	203 (80") / 1270 (500")
Motorised	Motorised	Motorised	Motorised	Motorised
DisplayPort, HDMI S-Video, PC Control, RCA In, LAN 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 3D DVI in 1 x STv2 Optional Slot
- / 931 / 405	- / 958 / 429	- / 927 / 404	- / 1050 / 490	- / 1215 / 585
18	23	18	60	60
0.4	0.4	0.4	0.5	0.5
2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 465 / 2 x 365
- / 2000 / 2500	- / 2000 / 2500	- / 2000 / 2500	- / 2000 / 2500	- / 2500 / 3000
504 x 192 x 516	504 x 192 x 516	504 x 192 x 516	578 x 235 x 558	578 x 235 x 558
19.7	19.7	19.7	40	39
-	-	-	-	-

NC SERIES

2K AND 4K RESOLUTION
3D READY
9700 | 18300 | 33000
LUMEN

	NC900C	NC1200C	NC2000C
Order Code	60003356	60002948	60002815
DMD	3 Chip DMD Reflection	3-chip DMD reflection method	3 x 0.98" Chip DLP™
Screen Sizes	Up to 9.5m in DCI Colour	4 to 14m	up to 20m
High Efficiency Xenon Lamp	350 W x 2 NSH Lamps	max 2.0KW	max 4.0KW
Brightness Lumen	N/A	9700, 2.0KW Lamp*	18300, 4.0KW Lamp*
Contrast Ratio	1800:1	> 2200:1 (full on/off)	> 2200:1 (full on/off)
DMD Specifications	2048 x 1080 Chip: 0.69" DLP	0.98", 12° tilt angle, 2048 x 1080 pixels	0.98", 12° tilt angle, 2048 x 1080 pixels
Primary Lenses	NP-9LS12ZM: 1.2-1.72:1 NP-9LS13ZM: 1.33-2.1:1 NP-9LS16ZM: 1.62-2.7:1 NP-9LS20ZM: 2.09-3.9:1 NP-9LS40Z: 4.07-6.34:1	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.5:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom
W x H x D [mm]	621 x 798 x 314	700 x 990 x 503	700 x 990 x 503
Cooling Method	Air cooling with dust-preventing electrostatic filter	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m³/min	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM

	NC3200S	NC3240S
Order Code	60002816	60003070
DMD	3-chip DMD reflection method	3-chip DMD reflection method
Screen Sizes	Up to 32m	up to 32m
High Efficiency Xenon Lamp	4.5 / 6.0 / 7.0 KW	4.5 / 6.0 / 7.0 KW
Brightness [Lumen]	33000, High-efficiency Xenon lamp options(7KW)	33000, High-efficiency Xenon lamp options(7KW)
Contrast Ratio	> 2200:1 (full on/off)	> 2000:1 (full on/off)
DMD Specifications	1.2", 12° tilt angle, 2048 x 1080 pixels	1.38", 12° tilt angle, 4096 x 2160 pixels
Primary Lenses	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom
W x H x D [mm]	700 x 1124 x 503	700 x 1124 x 503
Cooling Method	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,850 BTU. Demand of Exhaust Duct 16CMM

For more detailed information please visit: **www.digital-cinema-nec.com**

PROJECTOR OPTIONS

OPTION v PROJECTOR		Value						Multi-Purpose							Short Throw				
		V230X	V260	V260W	V260X	V300W	V300X	M230X	M271X	M271W	M311X	M311W	M361X	M420X	M260WS	M260XS	M300WS	M300XS	M350XS
OPTION	ORDER CODE	COMPATIBILITY																	
PJ03WHA	100012976	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
PJ03WHM	100013024	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
NP02HM	100012781	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
PJ03MHA *	100013384	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
Wall Mount included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01UCM	100012432	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP02UCM	100012433	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP03UCM	100012434	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP30UCM	100012437	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi1 (incl. Mouse Driver)	60003314	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
NP01Wi2 (incl. Software)	60003315	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●
NP02Wi	100013065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No Mount Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OPTION v PROJECTOR		Ultra Short Throw					Installation										
		U310W	UM280X	UM280W	UM330X	UM330W	P451W	P501X	PA500U	PA500X	PA550W	PA600X	PX700W	PX750U	PX800X	PH1000U	PH1400U
OPTION	ORDER CODE	COMPATIBILITY															
PJ03WHA	100012976	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
PJ03WHM	100013024	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
NP02HM	100012781	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
PJ03MHA *	100013384	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall Mount included		●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
NP01UCM	100012432	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-
NP02UCM	100012433	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-
NP03UCM	100012434	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-
NP30UCM	100012437	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	●	●	●	-	-
NP01Wi1 (incl. Mouse Driver)	60003314	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi2 (incl. Software)	60003315	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02Wi	100013065	-	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-
No Mount Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●

* Available from Nov'13

CEILING MOUNT FEATURES		Maximum Load [kg]	Length [mm]	Tilt/ Roll [°]	Swivel [°]
OPTION	ORDER CODE	DETAILS			
NP01UCM	100012432	7	250	25	360
NP02UCM	100012433	7	500	25	360
NP03UCM	100012434	7	750	25	360
NP04UCM	100012435	12	300 - 350	25	360
NP05UCM	100012436	12	500 - 750	25	360
NP30UCM	100012437	30	280 - 380	6	360
NP70CM	100012901	30	250	25	-

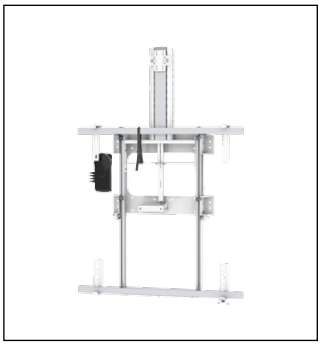
NP02UCM

NP04UCM

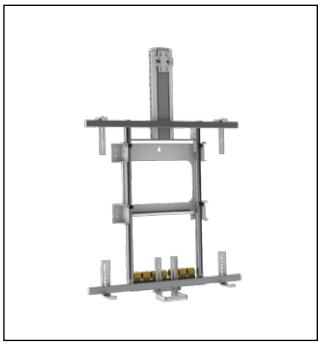
MOUNT COMPATIBILITY		NP01WK	NP02WK	NP03WK	NP04WK
OPTION	ORDER CODE	COMPATIBILITY			
PJ03WHA	100012976	●	●	●	●
PJ03WHM	100013024	●	●	●	●
NP02HM	100012781	●	●	●	●
PJ03MHA	100013384	●	●	●	●
NP01Wi1	60003314	●	●	●	●
NP01Wi2	60003315	●	●	●	●

WALL MOUNT FEATURES		Height Adjustment [mm]	Weight [kg]
OPTION	ORDER CODE	DETAILS	
PJ03WHA	100012976	450	39.6
PJ03WHM	100013024	500	38
NP02WK	100012810	50	7.2
NP03WK	100012864	50	10.5

HEIGHT ADJUSTABLE SYSTEMS		Adjustment Type	Height Adjustment [mm]	Weight [kg]	Maximum Load [kg]
PJ03WHA	100012976	Motorised	500	39.6	50.0
PJ03WHM	100013024	Mechanical	450	38.0	40.0
NP02HM	100012781	Motorised	675	48.0	50.0
PJ03MHA	100013384	Motorised	TBD	TBD	100.0



PJ03WHA



PJ03WHM

PJ03MHA - Available from Nov'13

NP02HM

SOFTWARE

NEC DISPLAYNOTE

Next Generation Interactive Learning

DisplayNote, NEC Edition, is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors to create the ideal collective presentation solution for learning establishments. Users can present, share and collaborate ideas and presentations across all major platforms (Windows, Android, Apple, Linux and iOS) and any connected device, such as an iPad, Android tablet, smartphone, netbook or laptop.

DisplayNote's platform independent approach means you can fundamentally upgrade your presentation system's effectiveness without the need to replace hardware. Download Displaynote at www.nec-display-solutions.com/displaynote

DisplayNote NEC Edition operates in two main scenarios, a presenter scenario with powerful presentation and annotation features and the multi-user collaboration scenario which makes the learning process a fully inclusive class activity.

For more detailed information please visit: **www.displaynote-nec.com**

NAVISET ADMINISTRATOR 2

All-in-one support system for NEC Desktops, Projectors and Large Format Displays

NaViSet Administrator 2 is an all-in-one remote support solution that manages the majority of NEC display devices and Windows computers. It is ideal for multidevice installations over larger infrastructures, for example in the corporate/large businesses, transportation, energy and utility, leisure and museum, finance, retail industries. Through an easy to use and sophisticated graphical user interface (GUI), businesses can reduce their administration effort and costs by remotely diagnosing and correcting technology issues with connected display devices.

The NaViSet Administrator 2 software is designed to run from a central location and provides monitoring, asset management and control functionality of remote displays via LAN or serial connections. It can run continuously to provide automatic monitoring and control of devices while alerts can be set when specified parameters within the display device change.

For more detailed information please visit: **www.nec-display-solutions.com/naviset**

VUKUNET

The Engine that Powers the DOOH Industry

Demand attention and achieve customer engagement in a fast-moving market
The choice of how you communicate your messages to an evolving and intelligent audience can be the key to penetration and results.

VUKUNET is an internet-based AdServing platform that connects all DOOH media networks in order to simplify planning, buying and the delivery of an advertising campaign. Developed by NEC it forms part of a market leading suite of digital signage products and services.

VUKUNET turns any internet connected screen into an advertising face which can generat incremental revenue for screen owner.

For more detailed information please visit: **www.vukunet-nec.com**

HIPERWALL VIDEOWALL SOLUTION

Videowall Content and Source Management Software

Hiperwall is an ultra high resolution software package for an endless number of displays which is scalable in size and eliminates costly servers, matrix switches and distributors. It enables customers to connect an infinite number of sources to a videowall and freely determine size and position of this content.

Hiperwall also provides advanced capabilities like zoom, rotation, shading and transparency, enabling users to examine content with increased flexibility and effectiveness. Content can be saved as environments and restored on demand, grouped into slideshows, or scheduled to appear at the present time.

It is ideal for multiple applications, including Command & Control Centres, Public Safety, Aerial Surveillance, Military Operations, Scientific Imaging, Trading Floors, Fleet Management, Manufacturing Control Systems and Review of Medical Imaging.

NEC FIELDANALYST

Anonymous Video Analytics (AVA)

FieldAnalyst is a software solution for audience measurement. Automatically detecting human faces from images captured by video cameras, the software analyses the number of visitors and exits, gender and age as well as distance to the camera and dwell time. Results, which are kept as anonymous data, are either stored in a log file or available via an interface in real time.

The information provided can be used for marketing analysis or real-time advertising content switching using digital signage. FieldAnalyst enables the user to automatically conduct various marketing analysis activities that have relied on manual human counting until now. The advantages of this NEC solution are speed, accuracy and the ability to integrate into other real-time analysis or event based solutions.

FieldAnalyst is an ideal solution that meets the needs of multiple target usages including Digital Signage and DOOH, Retail and Leisure Applications. It is an integrated or stand-alone tool that can be used for Real-Time Marketing Information, Real-Time Detection & Tracking and Real-Time Classification.

NEC LEAFENGINE

Context Aware Digital Signage with leafengine

With the largest installed Digital Signage Display base worlwide, NEC have developed leafengine, drawing on years of delivering innovative signage solutions to key industries such as retail and transportation. The leafengine middleware offers institutions digital experiences, that react to visitor's input, attributes or actions, and customises content whilst gathering the rich market data generated.

In the past, this has required selecting, integrating and maintaining an ever-changing, ever-updating number sensors with the player software, but leafengine, is designed to overcome this complexity and enable access to a broad catalogue of sensors, including gender and age classification, proximity detection, NFC, QR-Codes and many others available today and in the future.

NEC's leafengine integrates with existing Digital Signage software, drastically simplifying the integration, replacement and testing of new sensors. Once enabled, it allows reaction to changes in environment to select and play content that matches the user's profile or captures audience data for later analysis.

For more detailed information please visit: **www.leafengine.com**

NEC ReTrade

Trade in your old projector when you trade-up to NEC

Make your next Projector purchase an NEC and you could trade-in your old projector for cash and take comfort that you are doing your part in preserving resources and creating a sustainable environment.

Further detailed information on the ReTrade programme is available at
www.nec-display-solutions.com/retrade

ReTrade

Return, Refurbish, Reuse - ReTrade

85% of the returned projectors will be refurbished and returned to the market meaning less hazardous substances require disposing off, vastly less material are wasted and less new resources are unnecessarily consumed. Purchases and Trade-Ins are welcomed and virtually any common projector is covered within three month after purchase of the new NEC Projector.

CHECK THE VALUE OF YOUR OLD PROJECTOR NOW!

It's a Simple Process

Visit **www.nec-display-solutions.com/retrade**

- Describe your returned projector
- Receive an instant Trade-In Quotation
- Accept online quotation
- Ship your pre-owned projector using provided shipping label together with a proof of purchase for an NEC Projector
- Receive your payment in the pre-selected form

NEC Green Vision

Green Without Compromise

The NEC Green Vision Campaign is a long-standing initiative by NEC to increase the ecological productivity associated with the use of our products through increased efficiency and to create a more sustainable society by consuming less energy and elimination of harmful materials and unnecessary waste.

We constantly strive to enhance the Ecological characteristics of our products, listed are just some of the green features you may come to expect.

With our 'Green Vision' Environmental Initiative, NEC strive to help to create a sustainable society friendly to humans and our planet.

NeCycle™ which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling of the material itself as well as a recycling of the CO_2 that is absorbed by the plant component that constitutes the material's main resource.

INTUITIVE ECO MODES
One Click or Auto ECO Modes, help you reduce your projector or display power use when it is not needed, allowing optimum brightness and maximum energy efficiency at all times.

AV MUTE
Save 75% Lamp Power by simply sliding the projector cover across. When you slide it back the image instantly reappears.

HUMAN AND AMBIENT LIGHT SENSORS
The Human Sensor ensures your display is only working when you are, as it detects your presence at the desk, ambient light and luminance sensors also make intelligent adjustments to your displayed image to help to save power.

For more detailed information please visit:
www.green-vision-nec.com

NEC Serviceplus

A COMMITMENT TO QUALITY

NEC have built a world-renowned reputation developing Display Solutions that offer the ultimate in quality, performance and longevity. We have become recognised for professional performance and our product philosophy has enabled NEC to become a leading name in the Finance, Transportation, Colour, Corporate, Healthcare, Retail, Education and Cinema sectors.

NEC **serviceplus** takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the **serviceplus** promise.

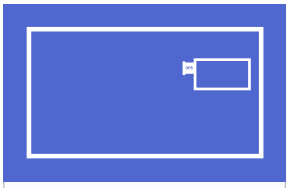
serviceplus

The Serviceplus Offering

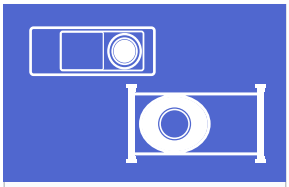
- 5 years warranty
- Ad hoc warranty extension
- 24/7 for selected displays and projectors
- De-/Re-install service

WHAT DOES SERVICEPLUS COVER?

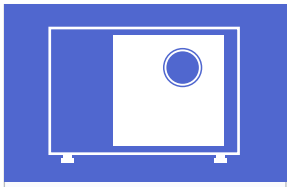
DESKTOP DISPLAYS
- Commercial
- Professional
- Specialist



LARGE FORMAT
- Professional
- Specialist
- Videowalls and Options



PROJECTORS
- Value and Mobile
- Multi-Purpose
- Installation and HLO



DIGITAL CINEMA
- Compact
- High End DC

For more detailed information please visit: **www.nec-display-solutions.com /** Choose support

BEHIND THE TECHNOLOGY

The NEC REFERENCE designation is awarded to our products and solutions which through their performance and benefits we consider to be the market benchmark for our customers. The logo is a tangible reminder of our high quality, performance-driven Japanese heritage, our focus on award-winning design flair and our passion for state of the art leadership in innovation and meeting the demands of our customers in the most challenging applications.

Our Reference Displays and Projectors are trusted across the world in Airports, Hospitals, Arenas and Cinemas, Corporates and Institutions, where performance is critical.

REFERENCE

ECO INNOVATION	This logo is used to indicate that a product or series of products has ECO innovations that help to reduce the energy use associated with the product and/ or offers greater productivity from the same resource.
	The NEC Green Vision logo, representing NEC's mission to help to create a sustainable society.
NeCycle	NeCycle™, which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling: a recycling of the material itself as well as a recycling of the CO_2 that is absorbed by the plant component that constitutes the material's main resource.
3D	Selected NEC Projectors and Digital Cinema Products are able to reproduce content in Stereoscopic 3D. The 3D NEC logo is an indication that a product can playback 3D media. For further information please visit our website www.3d-nec.com
LED LED Projector Series	LED Projectors generate their image in a more efficient way than conventional LCD or DLP projection. They are able to operate at considerably lower power consumption and within a smaller chassis. This logo is displayed for LED Projectors only.
LED LED Backlit LCD	LED Backlighting is integrated into some of our Desktop and Large Format Displays as either Direct LED Backlighting or Edge LED Backlighting. This Logo is used to indicate LED backlit displays that operate at lower power and in a smaller chassis.

GB-R LED	GB-R LED backlighting offers mercury-free and low energy rear illumination in LCD monitors, but with the full AdobeRGB colour gamut performance.
EDU EDU SOLUTIONS	NEC specialise in creating solutions and better value options for the Education Sector. This logo indicates where such special solutions or promotions including extended warranties are available for Education customers. More information is available at www.education-nec.com
3 YEARS WARRANTY	Subject to our terms of use, the standard warranty on NEC display products unless stated otherwise is 3 years return, to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
6 MONTHS FOR LAMP	Subject to our terms of use, the standard warranty on NEC projector lamps unless stated otherwise is 6 months, return to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
5 YEARS OPTION	Subject to our terms of use, a warranty extension from 3 years to 5 years return to manufacturer will be available on displays marked with this logo. For specific terms please request a copy of our warranty terms and conditions.
0 PIXEL DEFECT	Subject to our terms of use, where this logo is shown, Displays that have a complete pixel failure within the first 6 months of use will be repaired or exchanged under warranty.
iF product design award 2011	Established in 1953, the iF product design award is today among the most important awards for innovative product design.

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Document Name: NEC Product Overview
Document Revision: Edition 7, 2013
Document Date: 10/13

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